

**A CATALOGUE OF THE
PLANTS GROWING
IN THE VICINITY
OF SAN FRANCISCO**

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A Catalogue of the Plants Growing in the Vicinity of San Francisco by Henry N. Bolander

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HENRY N. BOLANDER

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BY
HENRY N. BOLANDER,

(Late State Botanist.)

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PLANTS GROWING IN THE VICINITY OF SAN FRANCISCO.

By H. N. BOLANDER, late State Botanist.

This catalogue contains the names of very nearly all the phanogamous and cryptogamous plants found about a hundred miles north and south of San Francisco, and as far east as Mount Diablo. Some plants were omitted (especially the shrubby oaks) since it was impossible to determine their proper specific names. The two important families, the Fungi and Algae have been entirely omitted; no one as far as I know, has made them a subject of investigation and study on this coast. The ferns, mosses, liverworts and lichens were studied by the very best authorities in America.

I take great pleasure in stating that our resident botanists, Dr. A. Kellogg and G. H. Bloomer, have largely assisted me in this undertaking, in fact, this catalogue is rather the result of our conjoint labors.

Neither the time of flowering has been mentioned, being so nearly alike for all, nor the underlying rock, since we have also in this respect so great a uniformity. The common metamorphic sandstone underlies nearly the whole region, except a few small patches of limestone and bituminous slate near Pescadero and Monterey. The influence of the underlying rock is apparently of less note, than the mechanical and physical properties of the subsoil and the distance from the ocean. From the ocean to Mount Diablo, one easily distinguishes three distinct floral regions; the immediate coast, the redwood and the parklands. Every one of these floral regions has its peculiar types and forms. Having no text book on our Flora, this catalogue may be of some service to those who are interested in the study of botany.

Ranunculaceae.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Clematis</i> , L.,	Virgin's Bower.	
<i>C. lasiantha</i> , Nutt.,		River banks
<i>C. ligusticifolia</i> , Benth.,		
<i>Anemone</i> , L.,	Windflower.	
<i>A. nemorosa</i> , L., var.,		Redwood
<i>Thalictrum</i> , Tourn.,	Meadow-Rue.	
<i>Th. Fendleri</i> , Engelm.,		Meadows
<i>Th. dioicum</i> , L.,		
<i>Ranunculus</i> , L.,	Buttercup	
<i>R. aquatilis</i> , L.,		Ponds
<i>R. Californicus</i> , Benth.,		Meadows
<i>R. repens</i> , L.,		"
<i>R. hebecarpus</i> , Hook & Arn.,		Around Shrubs
<i>R. muricatus</i> , L.,		Streets of S. F.
<i>R. acris</i> , L.,		Meadows
<i>R. reptans</i> , L.,		"
<i>Myosurus</i> , Dill.,	Mouse-Tail.	
<i>M. minimus</i> , L.,		Sandy Places
<i>Agulogia</i> , Tourn.,	Columbine.	
<i>A. Californica</i> , Gray,		Meadows and Hedges

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Delphinium</i> , Tourn.,	Larkspur.	
<i>D. Californicum</i> , Torr and Gray.,		Meadows
<i>D. Menziesii</i> , D. C.,		Hillsides
<i>D. patens</i> , Benth.,		"
<i>D. simplex</i> , Dougl.,		"
<i>D. variegatum</i> , Torr & Gray.,		Hillsides
<i>D. decorum</i> , Fisch. & Mey.,		Plains
<i>D. nudicaule</i> , Torr. & Gray.,	Yellow Larkspur.	Gravelly Places
<i>Actæa</i> , L.,	Baneberry.	
<i>A. spicata</i> , L., var <i>arguta</i> ,		Redwoods
Berberidaceæ.		
<i>Berberis</i> , L.,	Berberry.	
<i>B. aquifolium</i> , Pursh.,		Hillsides
<i>B. pinnata</i> , Lag.,		
<i>Vancouveria</i> , Dene.,		
<i>V. hexandra</i> , Morr & Dec.,		Redwoods
<i>Achlys</i> , D. C.,		
<i>A. triphylla</i> , Hook.,		Redwoods
Nymphaeaceæ. (Water Lily Fam.)		
<i>Brasenia</i> , Schrebr.,	Water Shield.	
<i>B. peltata</i> , Pursh.,		Clear Lake
<i>Najas</i> , Smith.,	Pond Lily.	
<i>N. advena</i> , Ait.,	Yellow Pond Lily.	Ponds
Papaveraceæ. (Poppy Fam.)		
<i>Eschscholzia</i> , Clunn.,		
<i>E. Californica</i> , Cham.,	Calif. Poppy.	Meadows
<i>E. cuspidata</i> , Lindl.,		
<i>Deinorhizon</i> , Benth.,		
<i>D. rigidum</i> , Benth.,		Dry Hillsides
<i>Meconopsis</i> , Vig.,		
<i>M. heterophylla</i> , Benth.,		Thickets
<i>Platystemon</i> , Benth.,		
<i>P. Californicum</i> , Benth.,		Sandy Soil
<i>Platystemon</i> , Benth.,		
<i>P. lineare</i> , Benth.,		Sandy Soil
<i>P. Californicum</i> Torr, (Meconella)		Mission Hills
Fumariaceæ. (Fumitory Fam.)		
<i>Dicentra</i> , Bork.,	Dutchman's Breeces.	
<i>D. formosa</i> , D. C.,		Shady Places
<i>D. chrysantha</i> , Hook.,		Dry Hillsides
Cruciferae. (Mustard Fam.)		
<i>Chiranthus</i> , R. Br.,		
<i>Ch. capitatus</i> , Dougl.,		Sandy Soil
<i>Nasturtium</i> , R. Br.,	Water Cress.	
<i>N. officinale</i> , R. Br.,		Springy Places
<i>N. curvisiliqua</i> , Nutt.,		Sandy Soil.
<i>Barbarea</i> , R. Br.,	Winter Cress.	
<i>B. vulgaris</i> , R. B.,		Meadows

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Streptanthus</i> , Nutt.,		
H. Breweri, Gray.,		Monte del Diablo
H. glandulosus, Hook.,		Sandy Places
H. hispidus, Gray		Monte del Diablo
H. flavescens, Hook.,		Hillsides
H. procerus, Brewer.,		Sandy Soil
<i>Tarbitis</i> , Dill.,	Tower Mustard	
T. perfoliata, Lam., (T. glabra L.)		Meadows
<i>Arabis</i> , L.,	Rock Cress.	
A. blepharophylla, Hook and Arn.,		Mission Hills
A. arcuatus, Nutt.,		Rocks
<i>Cardamine</i> , L.,	Bitter Cress.	
C. angulata, Hook.,		Meadows
C. oligosperma, Nutt.,		Meadows
C. paucisecta, Benth.,		Redwoods
C. hirsuta, L. var.,		
<i>Sisymbrium</i> , L.,	Hedge Mustard.	
S. officinale, Scop.,		Fields
S. deflexum, Harvey.,		Hillsides
S. pygmaeum, Nutt.,		Hillsides
S. canescens, Nutt.,		Hillsides
<i>Erysimum</i> , L.,	Trenche Mustard.	
E. asperum, D. C.,		Fields
E. Arkanosanum, Nutt.,		
<i>Brassica</i> , Tournef.		
B. alba, L.,	White Mustard.	Fields
B. nigra, L.,	Black Mustard.	
<i>Sinapis</i> , Poir.,	Wart Cress.	
S. didyma, Pers.,		Banks
<i>Lepidium</i> , R. Br.,	Pepper-grass.	
L. Mendisii, D. C.,		Fields
L. Californicum, Nutt.,		Fields
L. nitidum, Nutt.,		
L. oxycarpum, Torr and Gray		Oakland Hills
L. latipes, Hook.		
<i>Capsella</i> , Vent.,	Shepherd's Purse.	
C. Bursa-Pastoris, Moench.,		Fields
<i>Thlaspi</i> , Hook.		
Th. elegans, Fisch and Mey.,		Meadows
Th. radicans, Benth.,		Meadows
Th. oblongifolius, Nutt.,		
Th. pulchellus, Fisch and Mey.		
Th. pusillus, Hook.,		Hillsides
<i>Raphanus</i> , L.,	Radish.	
R. raphanistrum, L.,		Fields
Violaceae. (Violet Family.)		
<i>Viola</i> , L.		
V. canina, Rich.,	Blue Violet.	Moist Places
V. Nuttallii, Pursh.,		Gravelly Hillsides
V. pedunculata, Gray and Torr.,	Yellow Violet.	Mission Hills
V. glabella, Nutt.,		Redwoods
V. ocellata, Torr and Gray., (Canadensis?)		Redwoods
V. sarmentosa, Dougl.,		Redwoods

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>V. chrysantha</i> , Hook.		Clay Soil
<i>V. lobata</i> , Benth.,		Woods

Cistaceæ. (*Rock-Rose Family.*)

<i>Hibiscanthemum</i> , Tour.,	Rock-rose	
<i>H. scoparium</i> , Nutt.,		Hillsides

Hypericaceæ. (*St. John's Wort Family.*)

<i>Hypericum</i> , L.,	St. John's Wort.	
<i>H. anagalloides</i> , Cham. Schl.,		Moist places.
<i>H. Seonleri</i> , Hook.,		Banks.

Caryophyllaceæ. (*Pink Family.*)

<i>Silene</i> , L.,	Catchfly.	
<i>S. Californica</i> , Durand,		Hillsides
<i>S. Drummondii</i> , Hook.		
<i>S. Bolanderi</i> , Gray.		Open woods.
<i>S. Antirrhina</i> , L.		
<i>S. Gallica</i> , L.,		Fields.
<i>S. quinquevulnera</i> , L.		
<i>S. Douglasii</i> , Hook.		
<i>Arenaria</i> , L.,	Sandwort.	
<i>A. Douglasii</i> , Fenzl.,		Sandy soil.
<i>A. Californica</i> , Brew.		
<i>A. tenella</i> , Nutt.		
<i>Stellaria</i> , L.,	Chickweed.	
<i>St. media</i> , Smith.	Common Chickweed.	Fields.
<i>H. crassifolia</i> , Ehrh.		
<i>H. littoralis</i> , Torr and Gray.		
<i>Cerastium</i> , L.,	Mouse-ear Chickweed.	
<i>C. oblongifolium</i> , Torr,		Banks.
<i>Sagina</i> , L.,	Pearlwort	
<i>S. procumbens</i> , L.,		Damp places.
<i>Spergularia</i> , Pers.,	Sand Spurrey.	
<i>S. rubra</i> , Presl.,		Low places.
<i>Spergula</i> , L.,	Spurrey.	
<i>S. arvensis</i> , L.,	Corn Spurrey,	Fields.
<i>Paronychia</i> , Tourn.,	Whitlow Wort.	
<i>P. ramosissima</i> , D. C.		

Portulacaceæ. (*Purslane Family.*)

<i>Calandrinia</i> , H., B. and K.		
<i>C. Menziesii</i> , Hook.,		Meadows.
<i>Claytonia</i> , L.,	Spring Beauty.	
<i>C. perfoliata</i> , Don.,		Fields and thickets.
<i>C. exigua</i> , Torr and Gray.		
<i>C. Siberica</i> , L.,		Wet places.
<i>A. aquatica</i> , Nutt.,		Swamps.
<i>C. parvifolia</i> , Moench.		
<i>C. Menziesii</i> , (?)		
<i>C. linearis</i> , Dougl.,		Wet places.
<i>Montia</i> , L.,		
<i>M. fontana</i> , L.,		In water.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Laciniâ</i> , Pursh.		
<i>L. rotiviva</i> , Pursh.,		Rocky places.
<i>Spraguea</i> , Torr.		
<i>S. umbellata</i> , Torr.,		Sandy soil.

Malvaceæ. (Malvæ Family.)

<i>Malva</i> , L.,	Mallow.	
<i>M. rotundifolia</i> , L.,	Common Mallow,	Fields.
<i>Sidalcea</i> , Gray.		
<i>S. malvaeflora</i> , Gray,		Meadows.
<i>S. diploscypha</i> , Gray,		Grain fields.
<i>S. vitæfolia</i> , Gray,		Borders.
<i>Malvastrum</i> , Gray,	False Mallow.	
<i>M. Marrubioides</i> ,		Gravelly bottoms.
<i>M. Manroanum</i> , Gray,		Hillsides.
<i>Erenonistis</i> , Torr.		
<i>P. Californica</i> , Torr.,		Hillsides.
<i>Tacdera</i> , L.		
<i>T. assurgentiflora</i> , Kellogg,		San Francisco.

Linaceæ. (Flax Family.)

<i>Linum</i> , L.,	Flax.	
<i>L. congestum</i> , Gray,		Meadows.
<i>L. Breweri</i> , Gray,		Diablo.
<i>L. spergulinum</i> , Gray,		Hillsides.
<i>L. perenne</i> , L.,		Waste places.

Geraniaceæ. (Geranium Family.)

<i>Geranium</i> , L.,	Cranesbill.	
<i>G. Carolinæum</i> , L.,		Meadows.
<i>G. cespitosum</i> , (?) James,		Sandy fields.
<i>Erodium</i> <i>L. Her.</i> ,	Storks-bill.	
<i>E. cicutarium</i> L'Her,	Affleria.	Meadows.
<i>Zinnanthus</i> , R. Br.		
<i>L. rosea</i> , Benth.,		Moist meadows.
<i>L. Douglasii</i> , R. Br.,		Moist meadows.
<i>Oxalis</i> , L.,	Wood Sorrel.	
<i>O. Oregona</i> , Nutt.,		Redwoods.
<i>O. stricta</i> , L.,	Yellow Wood Sorrel,	Fields.
<i>O. corniculata</i> , L.,		Fields.

Rutaceæ. (Rue Family.)

<i>Ptelea</i> , L.		
<i>P. trifoliata</i> , L.,	Hop Tree,	Banks.

Anacardiaceæ. (Cashew Family.)

<i>Rhus</i> , L.,	Sumach.	
<i>R. diversiloba</i> , Torr and Gray,	Poison Oak,	Fields.

Vitaceæ. (Vine Family.)

<i>Vitis</i> , Tourn.		
<i>V. Californica</i> , Benth.,	Wild Grape	Thickets.